

What is claimed is:

1. A method for synchronizing a plurality of alarm units, said method comprising the steps of:
 - 5 a) sending a voltage drop out signal to at least one of the plurality of alarm units; and
 - b) synchronizing a local counter reference of said alarm unit to said voltage drop out signal.
- 10 2. The method of claim 1, further comprising the step of:
 - c) activating said alarm unit in accordance with said local counter reference.
3. The method of claim 2, wherein said activating step (c) activates said alarm unit to flash at a flash rate greater than a transmission rate of the voltage drop out signal to each of said alarm units.
- 15 4. The method of claim 3, further comprising the step of:
 - d) activating said alarm unit independently if said voltage drop out signal is not received by said alarm unit.
- 20 5. A method of operating an alarm unit, said method comprising the steps of:
 - a) receiving a voltage drop out signal from an interface control circuit;
 - 25 and
 - b) synchronizing a local counter reference of the alarm unit to said voltage drop out signal.
6. The method of claim 5, further comprising the step of:
 - 30 c) activating a flashtube of the alarm unit in accordance with said local counter reference.

7. The method of claim 6, wherein said activating step (c) activates said alarm unit to flash at a flash rate greater than a transmission rate of the voltage drop out signal to said alarm unit.

5 8. The method of claim 7, further comprising the step of:

d) activating said alarm unit independently if said voltage drop out signal is not received by said alarm unit.

9. The method of claim 5, further comprising the step of:

10 c) activating a horn of the alarm unit in accordance with said local counter reference.

10. The method of claim 9, wherein said activating step (c) activates said horn in a code 3 pattern.

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11. The method of claim 9, wherein said activating step (c) activates said horn in a code 3 pattern upon detecting a selection of said code 3 pattern setting on said alarm unit.

20 12. An apparatus for synchronizing a plurality of alarm units, said apparatus comprising:

a sending means for sending a voltage drop out signal to at least one of the plurality of alarm units; and

25 a synchronizing means for synchronizing a local counter reference of said alarm unit to said voltage drop out signal.

13. The apparatus of claim 12, further comprising an activating means for activating said alarm unit in accordance with said local counter reference.

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14. The apparatus of claim 13, wherein said activating means activates said alarm unit to flash at a flash rate greater than a transmission rate of the voltage drop out signal to said alarm unit.

5 15. The apparatus of claim 14, wherein said activating means activates said alarm unit independently if said voltage drop out signal is not received by said alarm unit.

16. An alarm unit, comprising:
10 a receiving means for receiving a voltage drop out signal from an interface control circuit; and
a synchronizing means for synchronizing a local counter reference of the alarm unit to said voltage drop out signal.

15 17. The alarm unit of claim 16, further comprising an activating means for activating a flashtube of the alarm unit in accordance with said local counter reference.

18. The alarm unit of claim 17, wherein said activating means activates
20 said alarm unit to flash at a flash rate greater than a transmission rate of the voltage drop out signal to said alarm unit.

19. The alarm unit of claim 18, wherein said activating means activates
25 said alarm unit independently if said voltage drop out signal is not received by said alarm unit.

20. The alarm unit of claim 16, further comprising an activating means for activating a horn of the alarm unit in accordance with said local counter reference.

30 21. The alarm unit of claim 20, wherein said activating means activates said horn in a code 3 pattern.

22. The alarm unit of claim 20, further comprising a code 3 pattern selecting pin.